

1. Connect a Phono cable from the AMP jack of the ARB to the Amplifier's Relay.

**CAUTION:**

Do not use the ARB-704 with amplifier relays that are not pulled to ground to activate!

If the amplifier has a standard RCA Phono plug it will always be safe to use with this unit.

The relay or amplifier control system MUST be the type that is pulled to ground to activate! Nearly all commercial amplifiers manufactured after the mid 1960's are safe to use with this unit. The ARB-704 connects between the radio and the amplifier, preventing damage to the radio from amplifier keying voltages.

The ARB-704 work with all standard manufactured amplifiers including those with positive, negative, and AC relay lines. This includes, but is not limited to, Ameritron, B&W, Collins, Command, Dentron, Heathkit, and Yaesu amplifiers.

2. If using ALC, connect a Phono cable from the ALC of the Amplifier's ALC to the ARB-704's ALC.

3. Connect the 5 pin end of the PNP cable into the Multi-port of the ARB-704.

Then connect the 15 pin end to the Transceiver's Linear Jack.

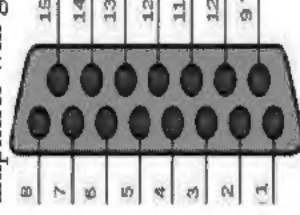
**NOTE:** DO NOT connect power to the ARB's power jack.

The ARB's power and radio jack is not used for this application.

**NOTE:**

The Jumper setting in the ARB-704 stays at factory default.

When the transceiver is placed into transmit, the light on the ARB will light and the amplifier will go into transmit mode.



PIN	
1	+13 V
2	TX GND
3	GND
8	TX INH
14	EXT ALC

# PNP-DB15Y CABLE

This cable is to interface the Yaesu FT DX 3000

# AMERITRON

116 Willow Road  
Starkville, MS 39759 USA  
662-323-8211

If you have any problem with this unit, you may contact Ameritron Technical Service at:

Ameritron  
116 Willow Road  
Starkville, MS 39759  
(662) 323-8211  
[www.ameritron.com](http://www.ameritron.com)

You will be best helped if you have your unit, and all information on your station handy so you can answer any questions the technicians may have.

Written correspondence may take over 45 days to process and return. If you need a prompt reply, call or email. Do not write. Most problems can be handled over the telephone without delay.